

PATENT

Atty. Dkt. No. ATT 2003-0040

**IN THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method for reducing signaling load in a communication network having a plurality of switches, said method comprising the steps of:
  - a) receiving notification of a network event;
  - b) identifying a plurality of circuits affected by said network event;
  - c) grouping affected circuits in accordance with one or more end-switches to which a plurality of signaling messages have to be sent; and
  - d) bundling said plurality of signaling messages.
2. (Original) The method of claim 1, further comprising the step of:
  - e) forwarding said bundled signaling messages to one of said plurality of switches.
3. (Original) The method of claim 2, wherein said forwarding step e) forwards said bundled signaling messages in at least one signaling packet.
4. (Original) The method of claim 2, wherein said forwarding step e) forwards said bundled signaling messages for circuits with a common end switch.
5. (Original) The method of claim 1, wherein said signaling messages are release messages.
6. (Original) The method of claim 1, wherein said steps b) and c) are performed prior to said reception of said network event, and where results of performing said steps b) and c) are stored for a plurality of network events.

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7. (Original) The method of claim 4, wherein said forwarding step e) forwards said bundled signaling messages for circuits with a common end switch along a common path.
8. (Original) An apparatus for reducing signaling load in a communication network having a plurality of switches, said apparatus comprising:  
a controller for receiving notification of a network, and for identifying a plurality of circuits affected by said network event, and for grouping affected circuits in accordance with one or more end-switches to which a plurality of signaling messages have to be sent, and for bundling said plurality of signaling messages.
9. (Original) The apparatus of claim 8, wherein said controller forwards said bundled signaling messages to one of said plurality of switches.
10. (Original) The apparatus of claim 9, wherein said bundled signaling messages are forwarded for circuits with a common end switch.
11. (Original) A computer-readable medium having stored thereon a plurality of instructions, the plurality of instructions including instructions which, when executed by a processor, cause the processor to perform the steps comprising of:  
a) receiving notification of a network event;  
b) identifying a plurality of circuits affected by said network event;  
c) grouping affected circuits in accordance with one or more end-switches to which a plurality of signaling messages have to be sent; and  
d) bundling said plurality of signaling messages.

Claims 12-25 (Canceled).